



PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/749,527
	Filing Date	December 30, 2003
	First Named Inventor	Tae-Woong KOO
	Art Unit	1637
	Examiner Name	A. M. Bertagna
Total Number of Pages in This Submission	Attorney Docket Number	070702007100

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form PTO SB/08a/b (1 page) IDS Citations (6 refs) Return Receipt Postcard
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	MORRISON & FOERSTER LLP		
Signature			
Printed name	Raj S. Dave		
Date	January 23, 2007	Reg. No.	42,465



Patent  
Docket No. 070702007100

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Tae-Woong KOO et al.

Serial No.: 10/749,527

Filing Date: December 30, 2003

For: NUCLEIC ACID SEQUENCING BY  
RAMAN MONITORING OF UPTAKE  
OF NUCLEOTIDES DURING  
MOLECULAR REPLICATION

Examiner: A. M. Bertagna

Group Art Unit: 1637

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of the foreign documents and non-patent literature documents are also submitted herewith. The Examiner is requested to make these documents of record.

Thirty of the documents listed on the attached Form PTO/SB/08a/b (Cite Nos. 1-29 and 32) were cited in the Specification of this Application; and six of the documents listed on the attached Form PTO/SB/08a/b (Cite Nos. 30, 31 and 33-36) were cited in an International Search Report mailed on December 5, 2005 (copy attached), directed to a counterpart international application and have not been previously cited.

This Information Disclosure Statement is submitted before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114.

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 070702007100.

Dated: January 23, 2007

Respectfully submitted,

By  #45,680  
Raj S. Dave

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ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/749,527
				Filing Date	December 30, 2003
				First Named Inventor	Tae-Woong KOO
				Art Unit	1637
				Examiner Name	A. M. Bertagna
Sheet	1	of	2	Attorney Docket Number	070702007100

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1.	4,683,195	07-1987	MULLIS	
	2.	4,683,202	07-1987	MULLIS	
	3.	4,800,159	01-1989	MULLIS	
	4.	4,962,037	10-1990	JETT et al.	
	5.	5,038,853	08-1991	CALLAWAY	
	6.	5,126,022	06-1992	SOANE	
	7.	5,171,132	12-1992	MIYAZAKI	
	8.	5,271,724	12-1993	LINTEL	
	9.	5,277,556	01-1994	LINTEL	
	10.	5,401,511	03-1995	MARGALIT	
	11.	5,405,747	04-1995	JETT et al.	
	12.	5,405,766	04-1995	KALLURY	
	13.	5,603,872	02-1997	MARGALIT	
	14.	5,610,287	03-1997	NIKIFOROV	
	15.	5,705,018	01-1998	HARTLEY	
	16.	5,776,674	07-1998	ULMER	
	17.	5,867,266	02-1999	CRAIGHEAD	
	18.	5,904,824	05-1999	OH	
	19.	5,919,622	07-1999	MACHO	
	20.	5,986,076	11-1999	ROTHSCHILD	
	21.	6,054,495	04-2000	MARKOWITZ	
	22.	6,090,389	07-2000	CHEN	
	23.	6,136,543	0-2000	ANAZAWA et al.	
	24.	6,174,677	01-2001	VO-DINH	
	25.	6,180,372	01-2001	FRANZEN	
	26.	6,210,896	04-2001	CHAN	
	27.	6,214,246	04-2001	CRAIGHEAD	
	28.	6,225,068	05-2001	WOLFRUM	
	29.	6,263,286	07-2001	GILMANSHIN	
	30.	2003/187237	10-2003	CHAN et al.	
	31.	2003/058799	03-2003	MINEO et al.	

Examiner Signature		Date Considered	
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ALTERNATIVE TO PTO/SB/08a/b (07-05)

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			Art Unit	1637	
			Examiner Name	A. M. Bertagna	
Sheet	2	of	2	Attorney Docket Number	070702007100

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	32.	WO 94/05414-A1	03-17-1994	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA		
	33.	WO 03/027307-A2	04-03-2003	INTEL CORPORATION		
	34.	WO 03/057924-A1	07-17-2003	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM		
	35.	WO 03/078649-A2	09-25-2003	INTEL CORPORATION		

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	36.	Vo-Dinh, T. (1999). "Surface-Enhanced Raman Scattering Method and Instrumentation for Genomics and Biomedical Analysis," <i>Journal of Raman Spectroscopy</i> 30(9):785-793	
	37.	Copy of International Search Report mailed on December 5, 2005, for International Patent Application No. PCT/US2004/043633 filed on December 28, 2004. 5 pages	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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